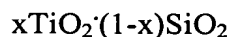


Listing of Claims:

1. (Previously Presented) A method for producing propylene oxide, characterized in that hydrogen peroxide is reacted with propylene in the presence of a titanasilicate catalyst which has an X-ray diffraction pattern indicated below and is represented by the formula:



wherein x denotes a numerical value of 0.0001 to 0.1.

X-ray diffraction patterns

(interplanar spacing of lattice $d/\text{\AA}$)

13.2±0.6

12.3±0.3

11.0±0.3

9.0±0.3

6.8±0.3

3.9±0.2

3.5±0.1

3.4±0.1.

2. (Previously Presented) A method for producing propylene oxide according to claim 1, wherein the titanasilicate is a Ti-MWW precursor.

3. (Previously Presented) A method for producing propylene oxide according to claim 1, wherein the titanasilicate is titanasilicate synthesized by a hydrothermal synthesis method.

4. (Cancelled)

5. (Previously Presented) A method for producing propylene oxide according to claim 1, wherein alcohol is used as a solvent.

6. (Previously Presented) A method for producing propylene oxide according to claim 1, wherein tert-butanol is used as a solvent.